

CLAIM AMENDMENTS

1 1. (original) A disk- or bar-shaped tool for chip-
2 removing machining, in particular for cutting profiles in a
3 workpiece such as a rotationally driven crankshaft to be machined,
4 having several peripheral cutting inserts (11) radially clamped to
5 a tool mount (10),
6 characterized in that
7 at least one cutting insert (11) is fixed in a cassette-shaped
8 holder (12) and the cassette-shaped holder (12) is axially
9 adjustable by means of an adjustment wedge (13) near where it bears
10 on the cutting insert (11) and/or is radially adjustable by an
11 adjustment wedge (33).

1 2. (original) The disk-shaped tool according to claim
2 1, characterized in that the cassette-shaped holder (12) has a
3 doubly bent shape (15, 16, 17) with an upper part (15) having a
4 front face forming the support surface for the cutting insert (11)
5 and a back face bearing on an adjustment wedge (13), and a lower
6 part (17) extending parallel to but offset from the upper part (15)
7 is fixed on the disk-shaped mount (10) by means of a mounting screw
8 (31, 35) passing through a bore, the upper and lower parts (15 and
9 17) being connected by a central transverse web (16) and wherein
10 the adjustment wedge (13) can shift the upper part (15) into
11 different axial positions by bending.

1 3. (currently amended) The tool according to claim 1
2 [[or 2]], characterized by an axial range of adjustment between
3 0.1 mm and 0.3 mm.

1 4. (currently amended) The tool according to ~~one of~~
2 ~~claims~~ claim 1 [[to 3]], characterized in that the lower part (17)
3 of the cassette-shaped holder (12) has a threaded bore into the
4 rear of which engages a screw (31) seated in the tool mount (10).

1 5. (currently amended) The tool according to ~~one of~~
2 ~~claims~~ claim 1 [[to 3]], characterized in that to radially adjust
3 the cassette-shaped holder (12) there is an adjustment wedge (33)
4 that bears on a lower side face of the holder (12) and that is
5 movable to effect a radial adjustment of the holder (12).

1 6. (original) The tool according to claim 5,
2 characterized in that the lower part (17) of the cassette-shaped
3 holder (12) has a stepped bore (40) accommodating a shaft and a
4 head of a mounting screw (34) whose head bears with a face (3) on a
5 complementary shoulder (37) of the bore, a shaft of the mounting
6 screw (35) engaging in a threaded bore (36) of the disk-shaped tool
7 mount.

1 7. (currently amended) The tool according to ~~one of~~
2 ~~claims~~ claim 1 [[to 6]], characterized in that the adjustment wedge
3 (13, 33) has a throughgoing threaded bore receiving a threaded end
4 of a double-threaded screw (23, 34) whose other end is engaged in a
5 threaded bore of the disk-shaped tool mount (10).

1 8. (currently amended) The tool according to ~~one of~~
2 ~~claims~~ claim 1 [[to 7]], characterized in that to clamp the
3 cassette-shaped holder (12) in place there is a counter screw (29)
4 that engages in a stepped bore of the disk-shaped tool mount and a
5 threaded blind bore (30) in a back face of the upper part (15) of
6 the cassette-shaped support (12).

1 9. (currently amended) The tool according to ~~one of~~
2 ~~claims~~ claim 2 [[to 8]], characterized in that the mounting screw
3 for clamping the cassette-shaped holder (12) bears with axially
4 and/or radial prestress on the disk- or bar-shaped tool mount (10).

1 10. (currently amended) The tool according to ~~one of~~
2 ~~claims~~ claim 1 [[to 9]], characterized in that the cutting insert
3 (11) is indexable and has a PKD insert.

1 11. (currently amended) The tool according to ~~one of~~
2 ~~claims~~ claim 1 [[to 10]], characterized in that the disk-shaped
3 tool mount (50) carries at least one tangentially clamped cutting

4 insert (51) or a bar-shaped tool mount carries on its upper edge a
5 clamped cutting insert, wherein the cutting insert (51) that is
6 tangentially clamped or clamped to the upper edge is radially
7 adjustable for working the outer surface profile of a workpiece.

1 12. (original) The tool according to claim 11,
2 characterized in that the tangentially or upper-edge-mounted
3 cutting insert (51) is fixed in a cassette (52) that is mounted in
4 a tool-mount seat and is adjustable radially by an adjustment wedge
5 (55).

1 13. (original) The tool according to claim 12,
2 characterized in that the cassette (52) is clamped by at least one
3 clamping wedge (53).

1 14. (currently amended) The tool according to claim 12
2 [[or 13]], characterized in that the clamping wedge (53) and/or the
3 adjustment wedge (55) are engaged by a double-threaded screw (54 or
4 56) having one end engaged in a throughgoing hole of the adjustment
5 wedge (55) or of the clamping wedge (53) and another end in a
6 threaded bore of the tool mount (50).